

Amendments to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in this application.

Listing of Claims:

1-45. (Canceled)

46. (Canceled)

47. (Currently Amended) A solid surface material fabrication station for fabricating a solid surface material ~~according to claim 46~~, the fabrication station ~~further~~ comprising:

a support wall;

a plurality of spaced-apart supports that extend from the support wall and define a solid surface support for supporting the solid surface material to be fabricated such that the solid surface material to be fabricated extends at least across two of the supports so as to define a region beneath the solid surface to be fabricated extending from the floor to the solid surface material to be fabricated and a region above the solid surface material to be fabricated corresponding to a region where a worker's face will ordinarily be while working on the solid surface material to be fabricated;

a plurality of spaced heat supply units located below the solid surface support, each of the heat supply units being positioned so as to heat a portion of the surface of the solid surface material to be fabricated, and the heat supply units being switchable on and off;

an air exhaust chamber connected to a source of air suction and a plurality of air exhaust vents spaced along the length of the fabrication station for drawing air from the vicinity

of the solid surface material being fabricated into the air exhaust chamber, the air exhaust vents being located above, but near the surface of the solid surface material to be fabricated; and

a ventilation air intake chamber and a plurality air intake vents located above the air intake vents for discharging ventilation air from the ventilation air intake chamber;

wherein the air intake vents are located relative to the exhaust vents so as to create a circulating air barrier between the face of a fabricator working on the solid surface material to be fabricated and the surface of the solid surface material to be fabricated.

48-50. (Canceled)

51. (Currently Amended) The fabrication station of claim ~~46~~ 47, further comprising a base from which the support wall extends and wheels connected to the base to allow the base to roll.

52. (Canceled)

53. (Currently Amended) The fabrication station of claim ~~46~~ 47, further comprising a plurality of spaced-apart supports that extend from the support wall on each side of the support wall so as to provide fabrication stations on both sides of the support wall.

54. (Currently Amended) ~~The fabrication station of claim 53,~~ A solid surface material fabrication station for fabricating a solid surface material, the fabrication station comprising:

a support wall;

a plurality of spaced-apart supports that extend from the support wall and define a solid surface support for supporting the solid surface material to be fabricated such that the solid surface material to be fabricated extends at least across two of the supports so as to define a region beneath the solid surface to be fabricated extending from the floor to the solid surface material to be fabricated and a region above the solid surface material to be fabricated corresponding to a region where a worker's face will ordinarily be while working on the solid surface material to be fabricated; and

a plurality of spaced-apart supports that extend from the support wall on each side of the support wall so as to provide fabrication stations on both sides of the support wall,

wherein the fabrication stations on each side of the support wall include a plurality of spaced heat supply units located below the solid surface support; an air exhaust chamber connected to a source of air suction; and a ventilation air intake chamber.

55. (Previously Presented) The fabrication station of claim 54, wherein the air exhaust chambers communicate with one another and the ventilation air intake chambers communicate with one another.

56. (Previously Presented) A solid surface material fabrication station for fabricating a solid surface material, the fabrication station comprising:

a support wall;

a plurality of spaced-apart supports that extend from the support wall and define a solid surface support for supporting the solid surface material to be fabricated such that the solid surface material to be fabricated extends at least across two of the supports so as to define a region beneath the solid surface to be fabricated extending from the floor to the solid surface material to be fabricated and a region above the solid surface material to be fabricated corresponding to a region where a worker's face will ordinarily be while working on the solid surface material to be fabricated; and

a track secured to the support wall, wherein the plurality of spaced-apart supports comprise a plurality of supports that are slidably mounted within the track along the support wall, each of the supports comprising a slat support channel portion having one end slidably received within the track and a removable slat portion that is supported by the slat support channel portion but is extensibly movable toward and away from the support wall relative to the slat support channel portion.

57. (Previously Presented) A solid surface material fabrication station for fabricating a solid surface material according to claim 56, the fabrication station further comprising a plurality of spaced heat supply units located below the solid surface support, each of the heat supply units being positioned so as to heat a portion of the surface of the solid surface material to be fabricated, and the heat supply units being switchable on and off.

58. (Previously Presented) The fabrication station of claim 56, further comprising an air exhaust chamber connected to a source of air suction and a plurality of air exhaust vents spaced along the length of the fabrication station for drawing air from the vicinity of the solid surface material being fabricated into the air exhaust chamber, the air exhaust vents being located above, but near the surface of the solid surface material to be fabricated.

59. (Previously Presented) The fabrication station of claim 56, further comprising a ventilation air intake chamber and a plurality air intake vents located above the air intake vents for discharging ventilation air from the ventilation air intake chamber; and wherein the air intake vents are located relative to the exhaust vents so as to create a circulating air barrier between the face of a fabricator working on the solid surface material to be fabricated and the surface of the solid surface material to be fabricated.

60. (Previously Presented) The fabrication station of claim 56, further comprising an adjustable support that supports each slat support channel portion so that the position of the slat support channel portions is adjustable relative to the support wall and one another to provide a fine adjustment.

61. (Previously Presented) The fabrication station of claim 56, further comprising removable slat portions of different sizes and shapes that can be supported within the slat support

channel portion so that the supports are adjustable to accommodate different shapes of solid surface material to fabricated.

62. (Previously Presented) The fabrication station according to claim 61, wherein the removable slat portion of the supports is made from a sacrificial material such that at least a portion of the solid surface material to be fabricated is supported on a support that can be cut with solid surface fabricating tools during the fabrication process without damaging the tools.

63. (Previously Presented) The fabrication station of claim 56, further comprising a plurality of spaced-apart supports that extend from the support wall on each side of the support wall so as to provide fabrication stations on both sides of the support wall.

64. (Previously Presented) The fabrication station of claim 63, wherein the fabrication stations on each side of the support wall include a plurality of spaced heat supply units located below the solid surface support; an air exhaust chamber connected to a source of air suction; and ventilation air intake chamber.

65. (Previously Presented) The fabrication station of claim 64, wherein the air exhaust chambers communicate with one another and the ventilation air intake chambers communicate with one another.

66-67. (Canceled)